



Date: December 13, 2005

Inventor(s): Bach et al.
Serial No. 10/071,954
Filed : February 6, 2002

For : HIGH SPEED MONOLITHIC MICROWAVE INTEGRATED CIRCUIT (MMIC) QUADRATURE PHASE
SHIFT KEYING (QPSK) AND QUADRATURE AMPLITUDE MODULATION (QAM) MODULATORS

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

27431

(Insert Customer Number)

Sir:

Transmitted herewith is an amendment after final in the above-identified patent application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☒ Return Receipt Postcard
- ☒ No additional claim fee is required.

The fee has been calculated as shown below:

| (Col. 1) | | (Col. 2) | | (Col. 3) | | SMALL ENTITY | OR | OTHER THAN A SMALL ENTITY | |
|--|---|----------|--|------------------|-----------|-----------------|----|------------------------------|---------------|
| | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER. PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE | ADDIT. FEE | | RATE | ADDIT. FEE |
| Total | *16 | minus | **20 | = 0 | x \$25 = | \$ | OR | x50 = | \$0 |
| Independent | *4 | minus | ***4 | = 0 | x \$100 = | \$ | OR | x200 = | \$0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | | +150 = | \$ | OR | +300 = | \$0 |
| TOTAL | | | | | | \$ | OR | TOTAL | \$0 |

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box on Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge my Deposit Account No. 50-0851 the amount of \$____. A copy of this transmittal letter is enclosed.
- ☐ A check in the amount of \$____ to cover the extension fee is enclosed.
- ☐ A check in the amount of \$____ to cover the additional claims is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees with this communication or credit any overpayment to Deposit Account No. 50-0851. A duplicate copy of this transmittal letter is enclosed.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

/David Bowls/

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I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, *mail Stop A F*

on December 13, 2005/David Bowls/

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: BACH ET AL. : Confirmation No.: 3721
Serial No. 10/071,954 : Group Art Unit: 2631
Filed: February 6, 2002 : Examiner: Juan A. Torres

For: HIGH SPEED MONOLITHIC
MICROWAVE INTEGRATED CIRCUIT
(MMIC) QUADRATURE PHASE SHIFT
KEYING (QPSK) AND QUADRATURE
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MODULATORS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA

AMENDMENT AFTER FINAL

Sir:

In response to the Final Office Action dated as mailed on October 13, 2005 and having a period of response extending through and including January 13, 2006, please make the below-identified amendments, and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.